

AMENDMENTS AND LISTING OF CLAIMS

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. - 36. (Canceled)
37. (Currently Amended) A cut resistant glove, including:
 - a first thermoplastic polymer hand-shaped layer;
 - a cut resistant infrastructure element attached to one or more portions of the first hand-shaped layer, each infrastructure element including:
 - a thermoplastic polymer substrate;
 - an array of small, regularly-spaced, generally uniform thickness, non-overlapping, hard, convex polygon-shaped, printed polymer material plates separated by gap sections, the plates arranged in a predetermined pattern free from extended-length straight gap sections and having an area parallel to the polymer substrate with major and minor length dimensions on a surface of the substrate, the major length dimension to minor length dimension aspect ratio between about 3 and 1, and wherein widths of the gaps between adjacent plates are substantially less than the lengths of the minor dimensions, a thickness of the plates is substantially less than the length of the minor dimensions, and the overall cut resistance of the infrastructure element is substantially greater than a cut resistance of the polymer substrate; and
 - a heat seal seam between the polymer substrate and the first hand-shaped layer to attach the infrastructure element to the first hand-shaped layer with the plates facing the first hand-shaped layer;
 - a second thermoplastic polymer hand-shaped layer; and

a heat seal seam between the first and second hand-shaped layers to attach the first and second hand-shaped layers, the first and second layers forming a hand-shaped cavity.

38. (Previously Presented) The glove of claim 37 wherein the first and second hand-shaped layers are elastomeric polymer.

39. (Previously Presented) The glove of claim 37 wherein the plates of the infrastructure elements include curable polymer.

40. (Previously Presented) The glove of claim 37 and further including a void space between the plates of the infrastructure elements and the first hand-shaped layer.

41. (Previously Presented) The glove of claim 37 wherein the plates of the infrastructure have a minor dimension length of about 80 mils and the gaps between the plates are about 10 mils.

42. (Previously Presented) The glove of claim 37 wherein the infrastructure elements are located on substantially all of the first hand-shaped layer.

43. (Previously Presented) The glove of claim 37 wherein the infrastructure elements are located on only portions of the first hand-shaped layer.